

Materials List for:

Isolation of the Side Population in Myc-induced T-cell Acute Lymphoblastic Leukemia in Zebrafish

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Materials

Name	Company	Catalog Number	Comments
Syngeneic zebrafish (CG2)			See Mizgirev <i>et al.</i> , 2006
<i>rag2</i> :c-myc plasmid			Langenau Laboratory
<i>rag2</i> :GFP plasmid constructed in de Jong Lab			<i>rag2</i> promoter from Langenau Laboratory
pCS2-transposase plasmid			Chien Laboratory
NotI -HF restriction enzyme	New England Bio-Labs Inc.	R3189S	500 units in 25 µL
mMessage Machine SP6 Transcription Kit	Ambion	Thermo Fisher Scientific - AM1340	25 reactions
QIAGEN Plasmid Midi Kit	Qiagen, Inc.	12643	
SteREO Discovery V8 Microscope	Carl Zeiss Microscopy	495015-0008-000	
Digital microinjector	Tritech Research	MINJ-D	
Brass straight-arm needle holder	Tritech Research	MINJ-4	
Magnetic base and stand	Tritech Research	MINJ-HBMB	
Micromanipulator	Narishige International	MN153	
Glass capillaries	Sutter Instrument Co.	B100-50-10	10 cm without filament
Flaming/Brown micropipette puller	Sutter Instrument Co.	P-97	
Microloader pipette tips	Eppendorf North America Inc.	930001007	
Phenol Red solution	Sigma Life Science	P0290	0.5% concentration 100 mL
Plastic Transfer pipettes	Fisherbrand	137119D	graduated 7.5 mL bulb
Tricaine methanesulfonate (MS-222)	Western Chemical, Inc.	Fisher Scientific - NC0342409	100 g
Fetal bovine serum (FBS)	HyClone Laboratories, Inc.	Fisher Scientific - SH3007103	500 mL
Phosphate-Buffered Saline (PBS)	Gibco by Life Technologies	1001-023	pH 7.4 (1x) - 500 mL
Heparin sodium salt	Sigma-Aldrich	2106	15 - 300 unit vials
40 µm mesh filter	Falcon Corning Brand	352340	Case of 50
Trypan blue	Sigma Life Science	T8154	20 mL - Solution (0.4%)
Hoechst 33342	Life Technologies	H3570	10 mL
Verapamil	Sigma Life Science	V4629	1 g
Dimethyl sulfoxide (DMSO)	Sigma Life Science	D8418	100 mL
Propidium Iodide	Life Technologies	P3566	10 mL
FACSAria Fusion cell sorter	BD Biosciences		
BD FACSDiva 8.0.1	BD Biosciences		
FlowJo v10.2	FlowJo, LLC		